

**ABSTRACT OF THE DISCLOSURE**

The present invention provides multi-optoelectronic assemblies in which a plurality of multi-transceiver cages in which are mounted multi-optical receptacle assemblies associated with a plurality of transceivers are mounted on a printed wire assembly. The multi-optical receptacle assemblies includes a plurality of receptacles having shared walls, unitary walls or no walls. The multi-optoelectronic assemblies are compatible with multi-fiber assemblies.

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